

FIG.2

120 PRESET TABLE

| BROADCAST DAY OR BROADCAST PATTERN | BROADCAST PERIOD | CHANNEL NUMBER |
|--|---------------------|-------------------|
| EVERY THURSDAY | 21:00~23:00 | 6 |
| MONDAY THROUGH FRIDAY | 11:45~12:00 | 4 |
| OCTOBER 22 (WED) | 20:00~21:00 | 1 |

121

122

123

FIG.3
130 EPG

| BROADCAST DAY | BROADCAST PERIOD | CHANNEL NUMBER | TITLE | COMMENT |
|---------------------|------------------|----------------|---|--|
| | | | | |
| OCTOBER 22 (WED) | 20:00~21:00 | 1 | MILLION QUIZ | BOX-OFFICE QUIZ PROGRAM |
| OCTOBER 23 (THU) | 21:00~23:40 | 6 | THURSDAY THEATER: HIT THE DRAGON | LEADING PERFORMER: LEE LEE LEE |
| ∴ | ∴ | ∴ | ∴ | ∴ |
| OCTOBER 30 (THU) | 21:00~23:00 | 6 | THURSDAY THEATER: LUCKY'S GREAT ADVENTURE | LUCKY'S GREAT ADVENTURE WITH BOTH TEARS AND LAUGHTER |
| ∴ | ∴ | ∴ | ∴ | ∴ |
| NOVEMBER 6 (THU) | 21:00~23:15 | 6 | THURSDAY THEATER: RAMESES AND NEFERTITI | LOVE STORY IN ANCIENT EGYPT |
| ∴ | ∴ | ∴ | ∴ | ∴ |

FIG.4

140 TITLE LIST



| | | | | |
|----|-------|-------|---|-------------------------|
| 01 | 10/23 | 21:00 | 6 | HIT THE DRAGON |
| 02 | 10/30 | 21:00 | 6 | LUCKY'S GREAT ADVENTURE |
| 03 | 11/6 | 21:00 | 6 | RAMESSES AND NEFERTITI |

FIG.5

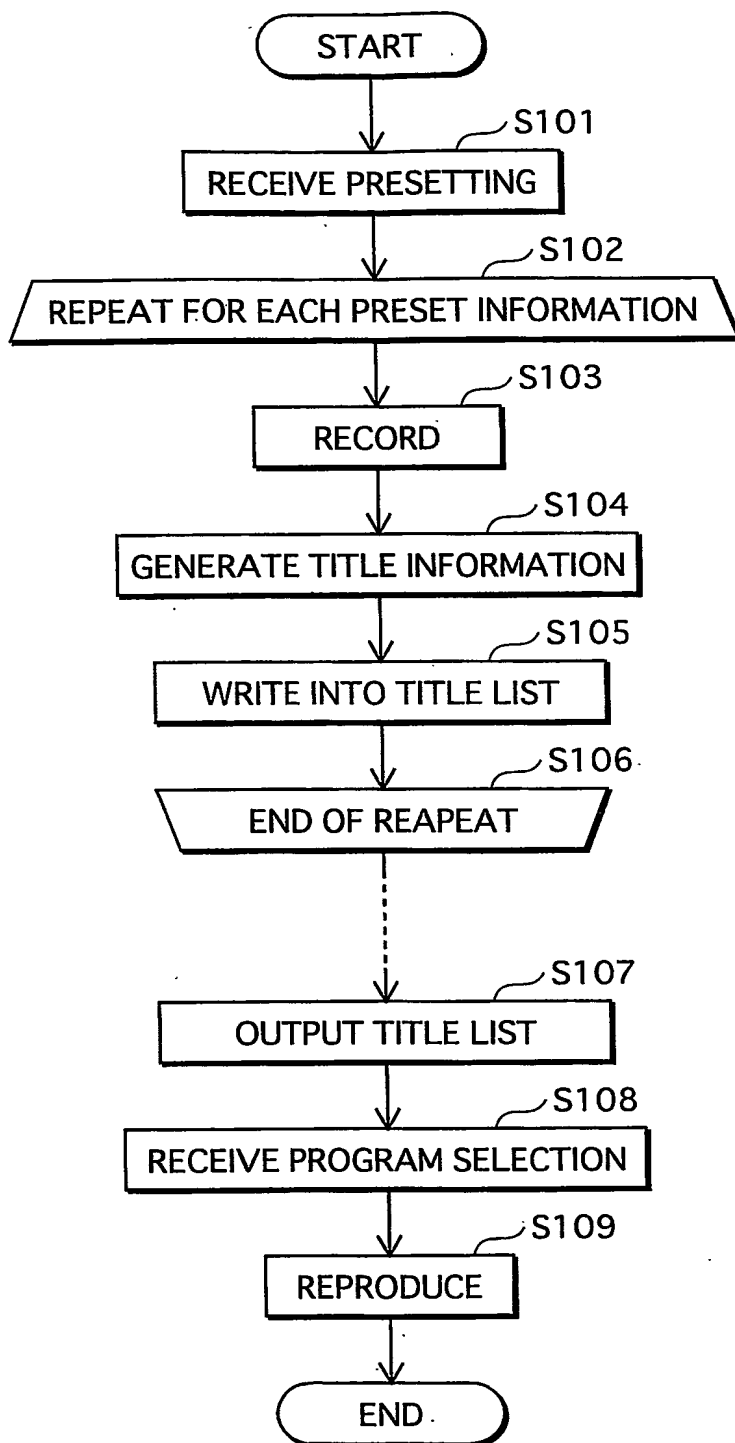


FIG.6

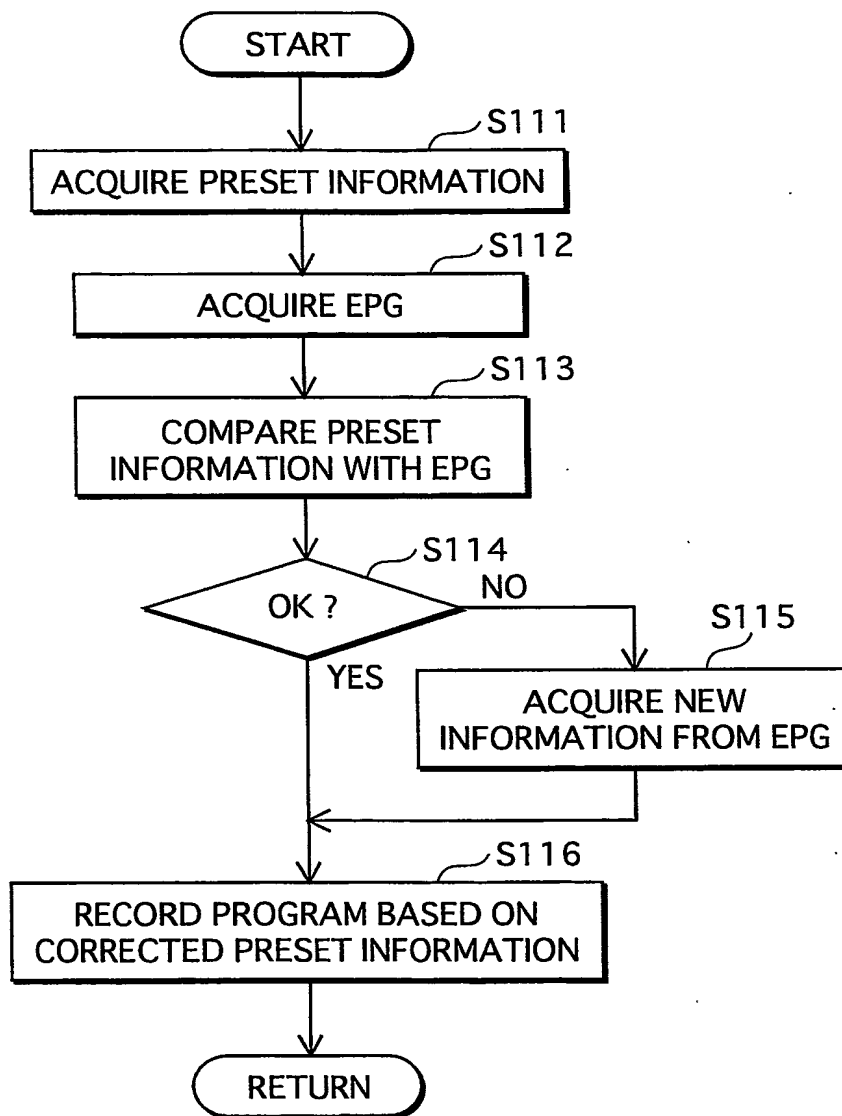


FIG.7

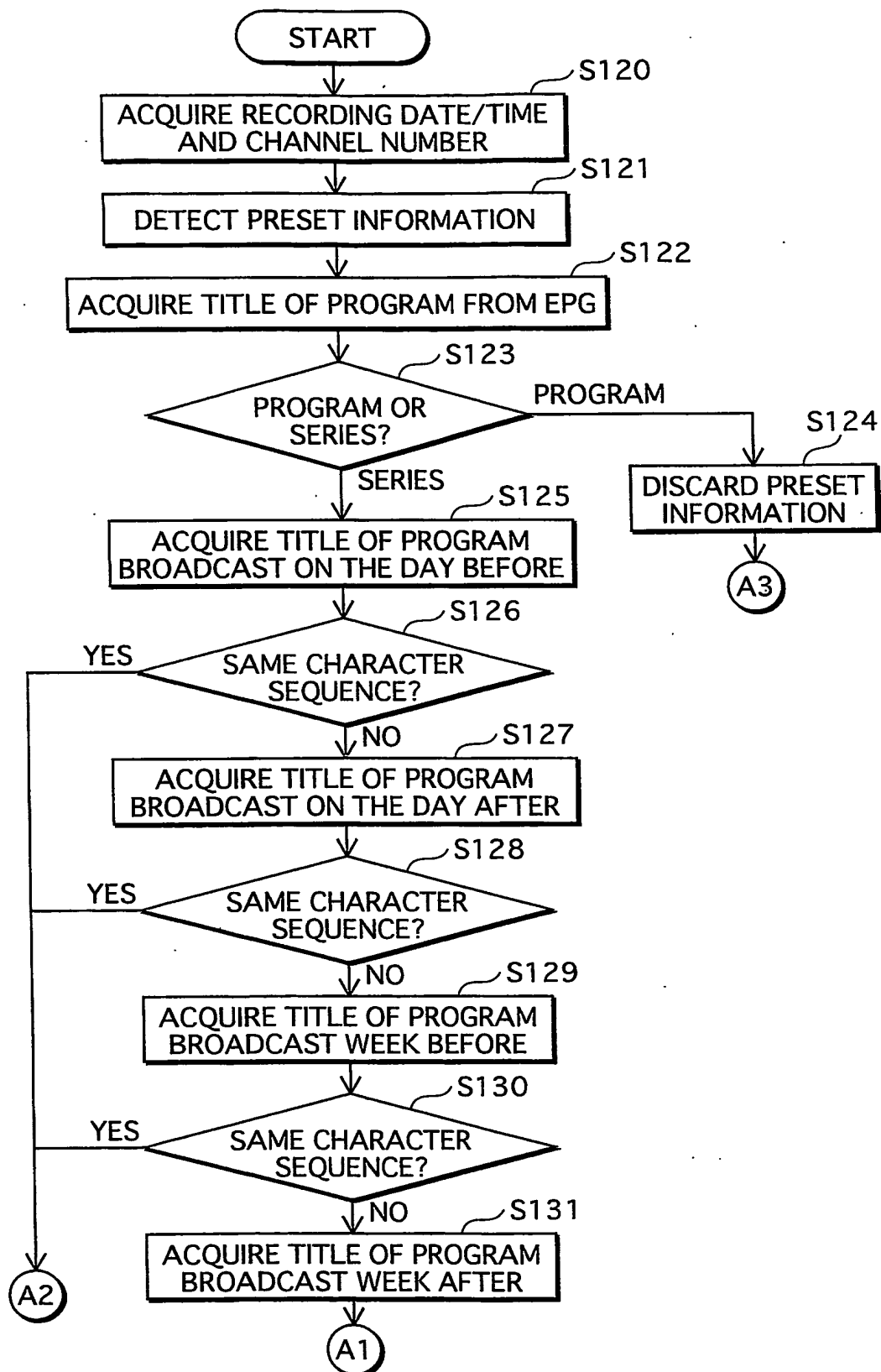


FIG.8

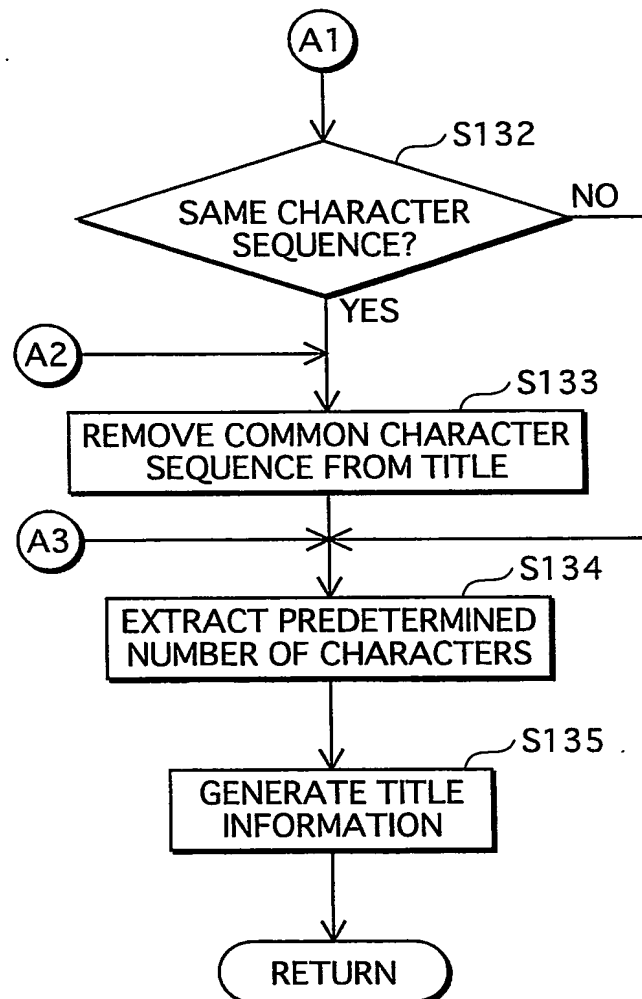


FIG. 9 200 PROGRAM RECORDING APPARATUS

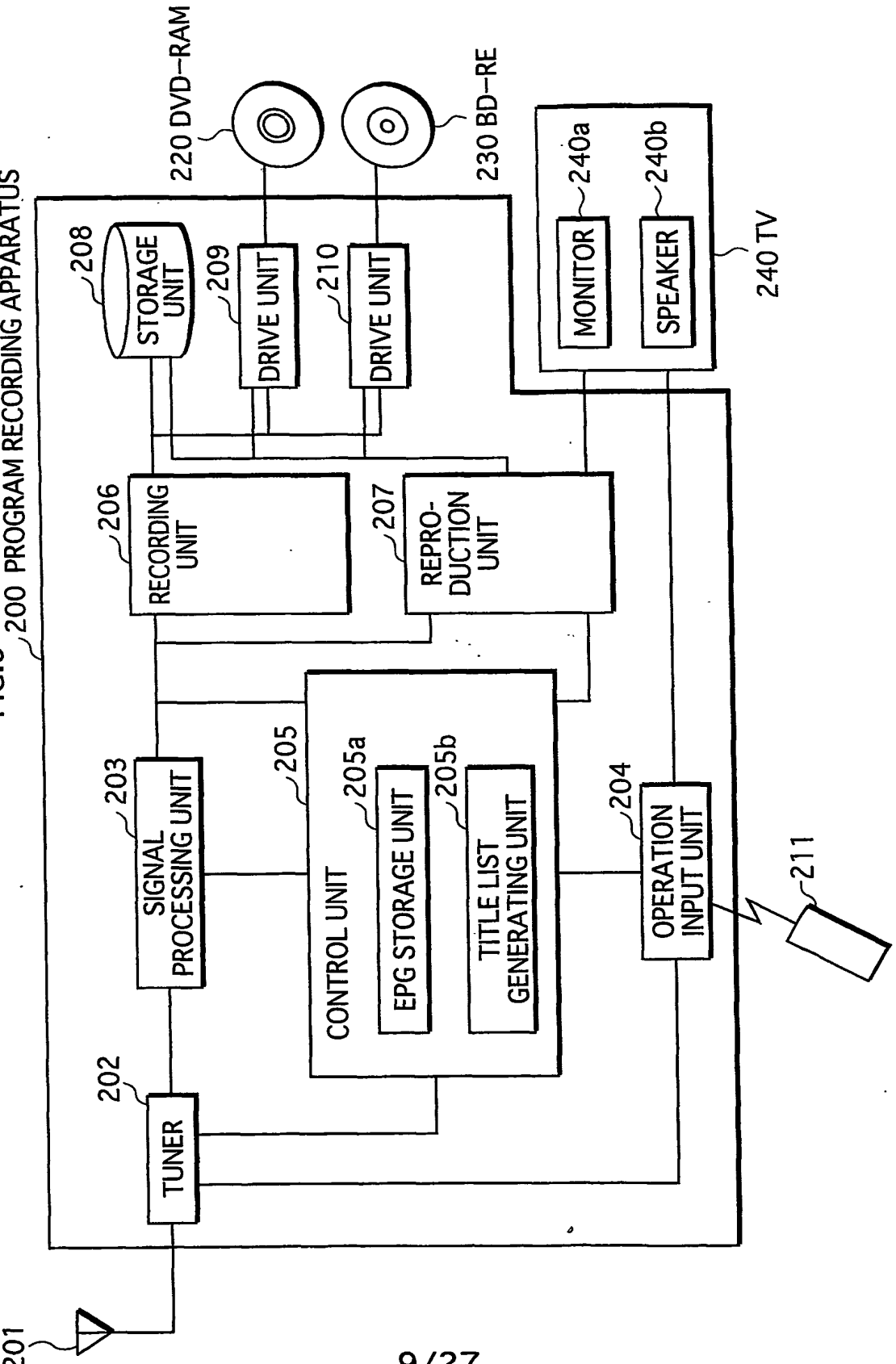


FIG.10

250 PRESET TABLE

| BROADCAST DAY OR BROADCAST PATTERN | BROADCAST PERIOD | CHANNEL NUMBER | RECORDING FORMAT |
|--|---------------------|-------------------|---------------------|
| EVERY THURSDAY | 21:00~23:00 | 6 | HD |
| MONDAY THROUGH FRIDAY | 11:45~12:00 | 4 | DVD—video |
| OCTOBER 22 (WED) | 20:00~21:00 | 1 | BD |

FIG.11 260 EPG

| BROADCAST DAY | BROADCAST PERIOD | CHANNEL NUMBER | TITLE | COMMENT |
|---------------------|------------------|----------------|---|----------------------------|
| OCTOBER 22 (WED) | 20:00~21:00 | 1 | MILLION QUIZ | BOX-OFFICE QUIZ PROGRAM |
| OCTOBER 23 (THU) | 11:45~12:00 | 4 | TOURING THE ENGLAND REGIONS: FOUR SEASONS ENJOYED IN THE POPULAR ENGLISH GARDENS IN THE SUBURBS OF LONDON | OOOOO..... |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |
| OCTOBER 24 (FRI) | 11:45~12:00 | 4 | TOURING THE ENGLAND REGIONS: STRATFORD-UPON-AVON AT THE CENTER OF ENGLAND WHERE WILLIAM SHAKESPEARE WHO IS SOMETIMES CALLED THE BARD OF AVON WAS BORN | XXXXXX..... |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |
| OCTOBER 27 (MON) | 11:45~12:00 | 4 | TOURING THE ENGLAND REGIONS: THE LAKE DISTRICT: HILL TOP, HOUSE OF BEATRIX POTTER | OOOOO..... |
| ⋮ | ⋮ | ⋮ | ⋮ | ⋮ |

FIG.12

270

| RECORDING FORMAT | | AVAILABLE BYTES FOR DISPLAY |
|------------------|----------|--------------------------------|
| HD | | 50 |
| | | 40 |
| BD | video | 32 |
| | original | 40 |

271

272

273

274

FIG.13A

281 ↘

| | | | | |
|----|-------|-------|---|---|
| 01 | 10/23 | 11:45 | 4 | TOURING THE ENGLAND REGIFOUR SEASONS ENJOYED IN THE POPULAR ENGLISH GARDENS IN THE SUBURBS OF LONDON |
| 02 | 10/24 | 11:45 | 4 | STRATFORD-UPON-AVON AT THE CENTER OF ENGLAND WHERE WILLIAM SHAKESPEARE WHO IS SOMETIMES CALLED THE B |
| 03 | 10/27 | 11:45 | 4 | TOURING THE ENGLAND REGIONS:THE LAKE DISTRICT: HILL TOP, HOUSE OF BEATRIX POTTER |

FIG.13B

282 ↘

| | | | | |
|----|-------|-------|---|---|
| 01 | 10/23 | 11:45 | 4 | TOURFOUR SEASONS ENJOYED IN THE POPULAR ENGLISH GARDENS IN THE SUBURBS OF LONDON |
| 02 | 10/24 | 11:45 | 4 | STRATFORD-UPON-AVON AT THE CENTER OF ENGLAND WHERE WILLIAM SHAKESPEARE WHO IS SO |
| 03 | 10/27 | 11:45 | 4 | TOURING THE ENGLAND REGIONS:THE LAKE DISTRICT: HILL TOP, HOUSE OF BEATRIX POTTER |

FIG.13C

283 ↘

| | | | | |
|----|-------|-------|---|---|
| 01 | 10/23 | 11:45 | 4 | FOUR SEASONS ENJOYED IN THE POPULAR ENGLISH GARDENS IN THE SUBUR |
| 02 | 10/24 | 11:45 | 4 | STRATFORD-UPON-AVON AT THE CENTER OF ENGLAND WHERE WILLIAM SHAKE |
| 03 | 10/27 | 11:45 | 4 | TOURING THE THE LAKE DISTRICT: HILL TOP, HOUSE OF BEATRIX POTTER |

FIG.14

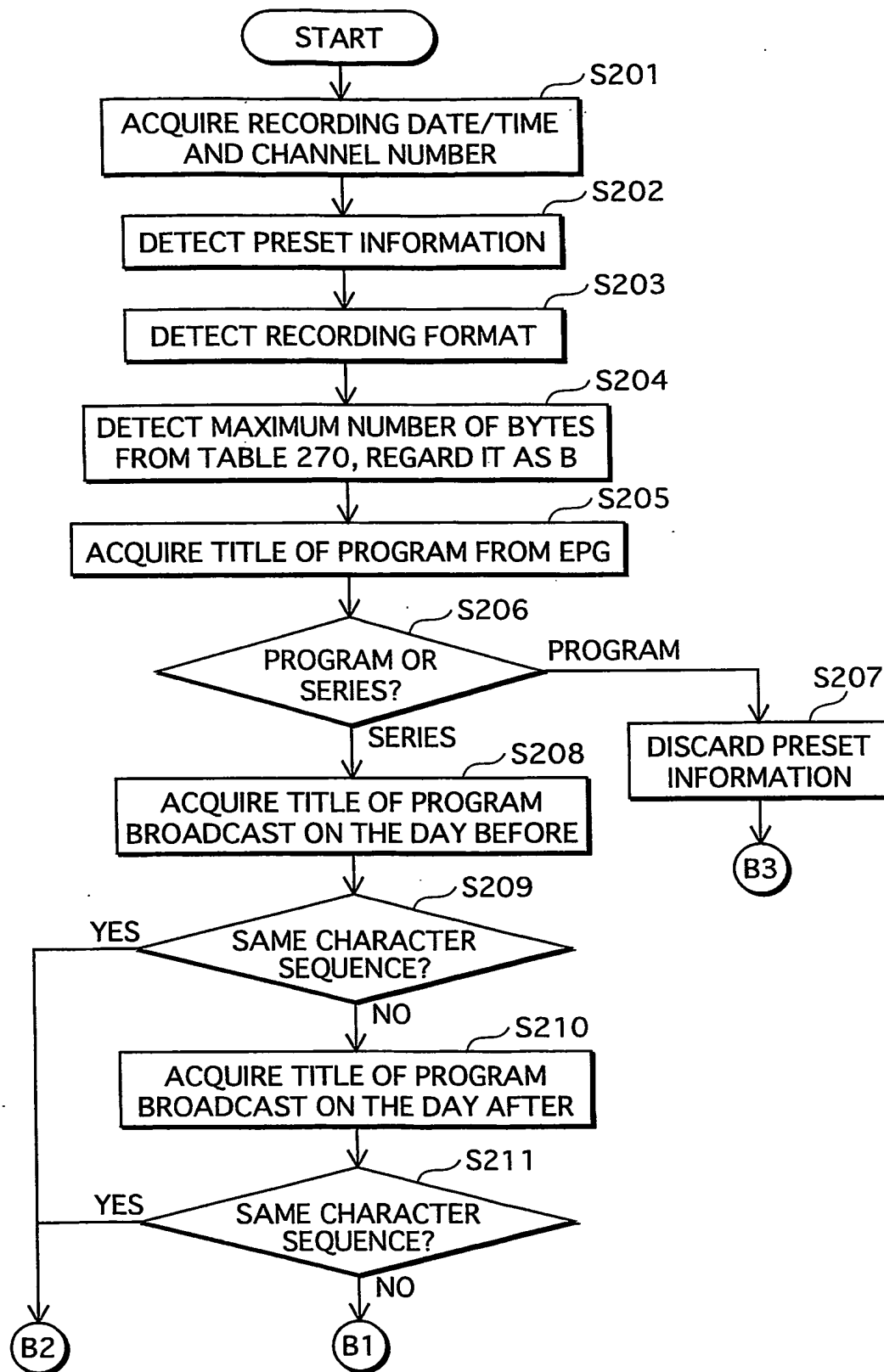


FIG. 15

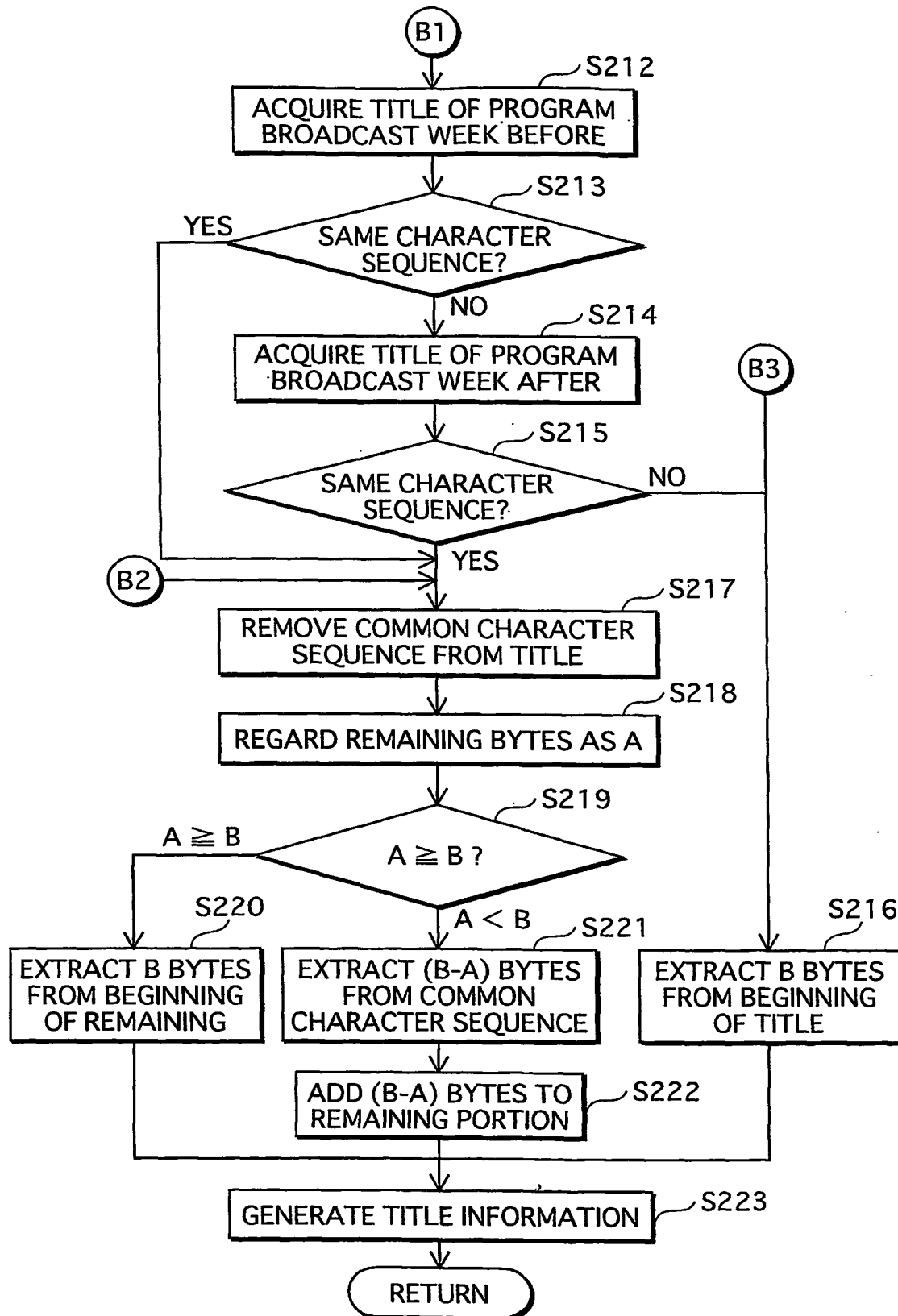


FIG.16

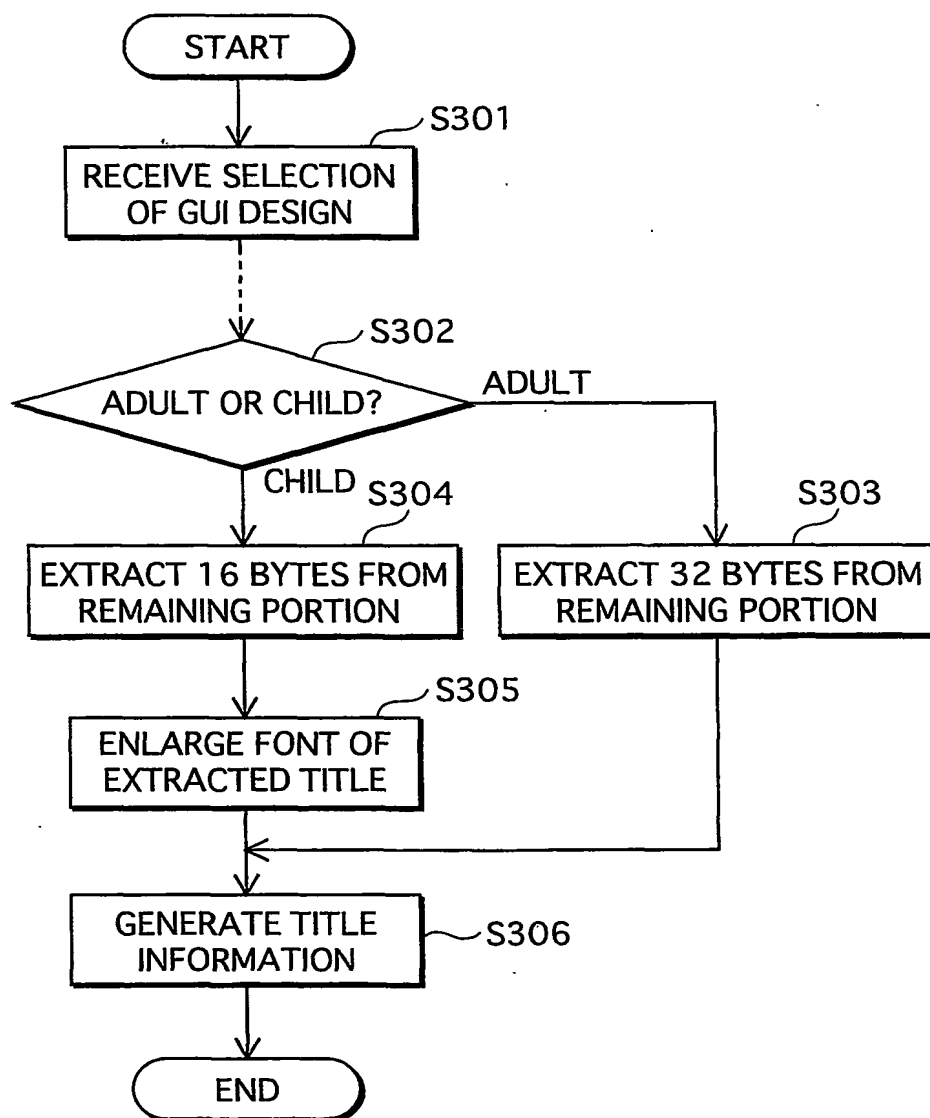


FIG.17A

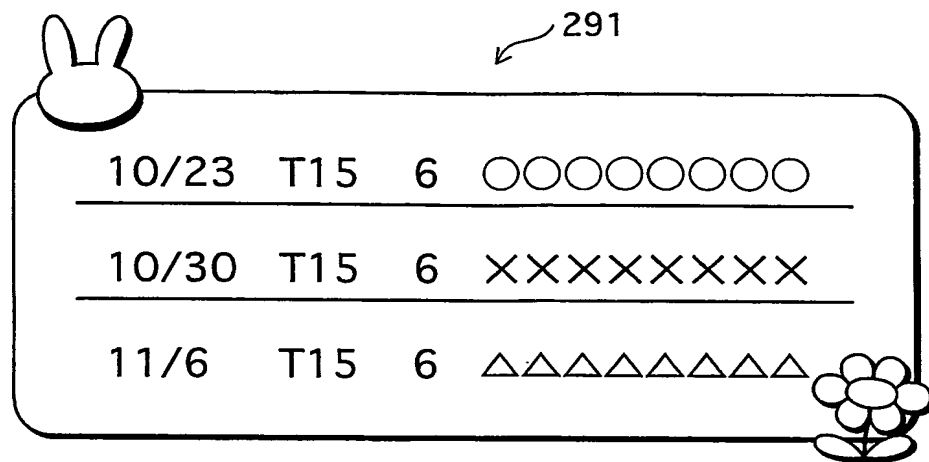


FIG. 17B

FIG. 17B

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| | | | | |
|----|-------|-------|---|----------------------|
| 01 | 10/23 | 15:00 | 6 | ○○○○○○○○○○○○○○○○○○○○ |
| 02 | 10/30 | 15:00 | 6 | ×××××××××××××××× |
| 03 | 11/6 | 15:00 | 6 | △△△△△△△△△△△△△△△△ |

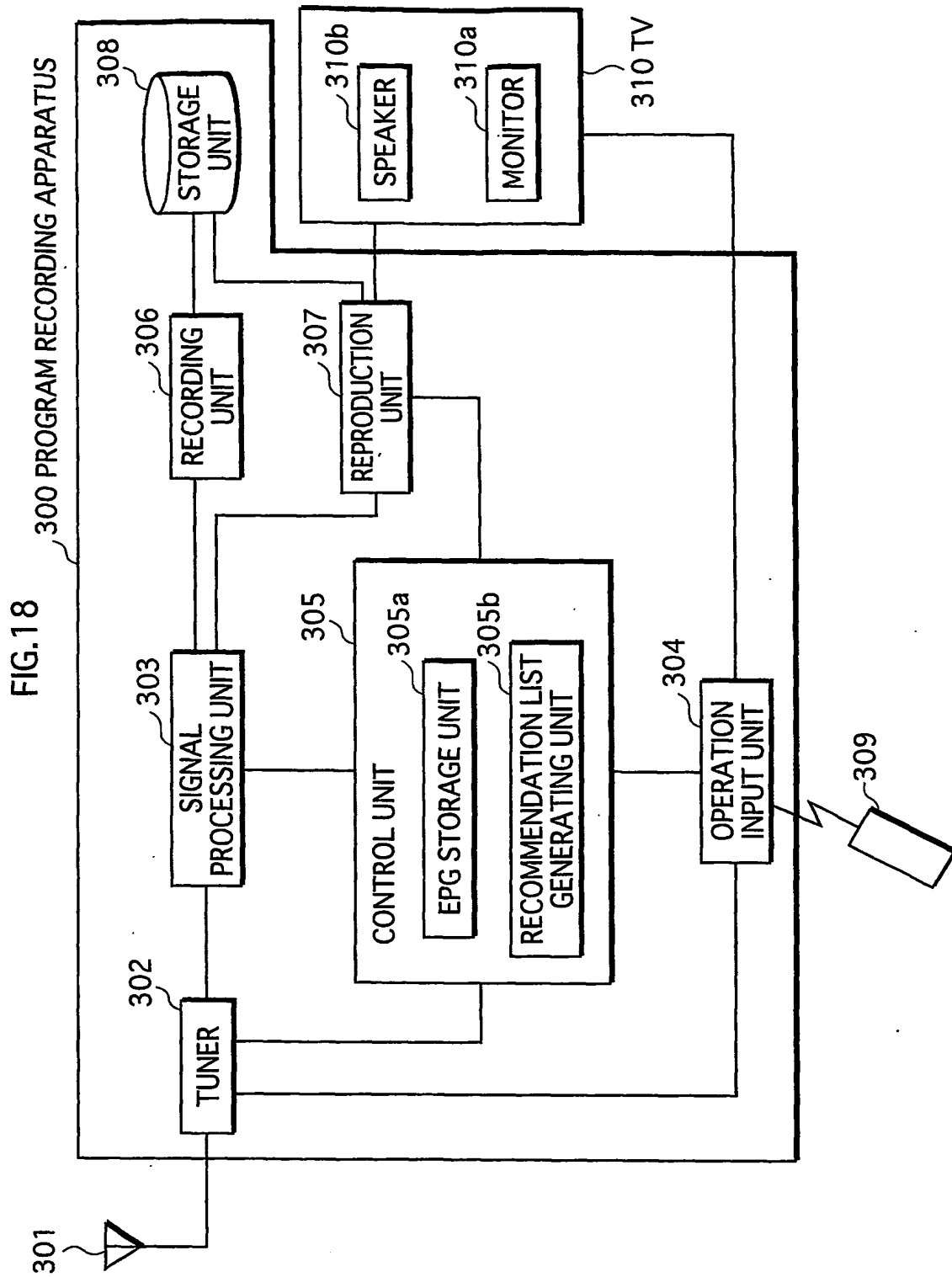


FIG.19
320 EPG

| BROADCAST DAY | BROADCAST PERIOD | CHANNEL NUMBER | TITLE | COMMENT |
|--------------------|------------------|----------------|--|--|
| AUGUST 13 (SAT) | 21:00~23:00 | 8 | [NEW] MIDSUMMER SONATA | NEW PROGRAM! SPECIAL 2-HOUR BROADCAST! |
| • • • | • • • | • • • | • • • | • • • |
| AUGUST 14 (SUN) | 20:00~21:00 | 4 | [NEW] TRIP TO WORLD HERITAGE SITES | ○○○○••••• |
| • • • | • • • | • • • | • • • | • • • |
| AUGUST 20 (SAT) | 21:00~22:00 | 8 | MIDSUMMER SONATA | XXXX••••• |
| • • • | • • • | • • • | • • • | • • • |

FIG. 20

330 EPG

| BROADCAST DAY | BROADCAST PERIOD | CHANNEL NUMBER | TITLE | COMMENT |
|----------------------|------------------|----------------|----------------------------------|----------------------------------|
| . . . | . . . | . . . | . . . | . . . |
| DECEMBER 9 (MON) | 16:00~17:00 | 10 | [FINAL] IT'S FOUR O'CLOCK | INFORMATION AND WEATHERREPORT |
| DECEMBER 10 (TUE) | 16:00~17:00 | 10 | [RERUN] AUTUMN WIND SONATA | RERUN OF A POPULAR DRAMA |
| DECEMBER 11 (WED) | 16:00~17:00 | 10 | [RERUN] AUTUMN WIND SONATA | RERUN OF A POPULAR DRAMA |
| DECEMBER 12 (THU) | 16:00~17:00 | 10 | [RERUN] AUTUMN WIND SONATA | RERUN OF A POPULAR DRAMA |
| . . . | . . . | . . . | . . . | . . . |

FIG.21A

340 RECOMMENDATION LIST
↙

| RECOMMENDED NEW PROGRAM | | | | | |
|----------------------------|------|-------|------|---|--------------------|
| 01 | 8/13 | 21:00 | LONG | 8 | ① MIDSUMMER SONATA |
| 02 | 8/20 | 21:00 | | 8 | ② MIDSUMMER SONATA |
| 03 | 8/27 | 21:00 | | 8 | ③ MIDSUMMER SONATA |

FIG.21B

350 RECOMMENDATION LIST
↙

| RECOMMENDED RERUN PROGRAM | | | | | |
|------------------------------|-------|-------|----|---|--------------------|
| 01 | 12/10 | 16:00 | 10 | ① | AUTUMN WIND SONATA |
| 02 | 12/11 | 16:00 | 10 | ② | AUTUMN WIND SONATA |
| 03 | 12/12 | 16:00 | 10 | ③ | AUTUMN WIND SONATA |

FIG.22

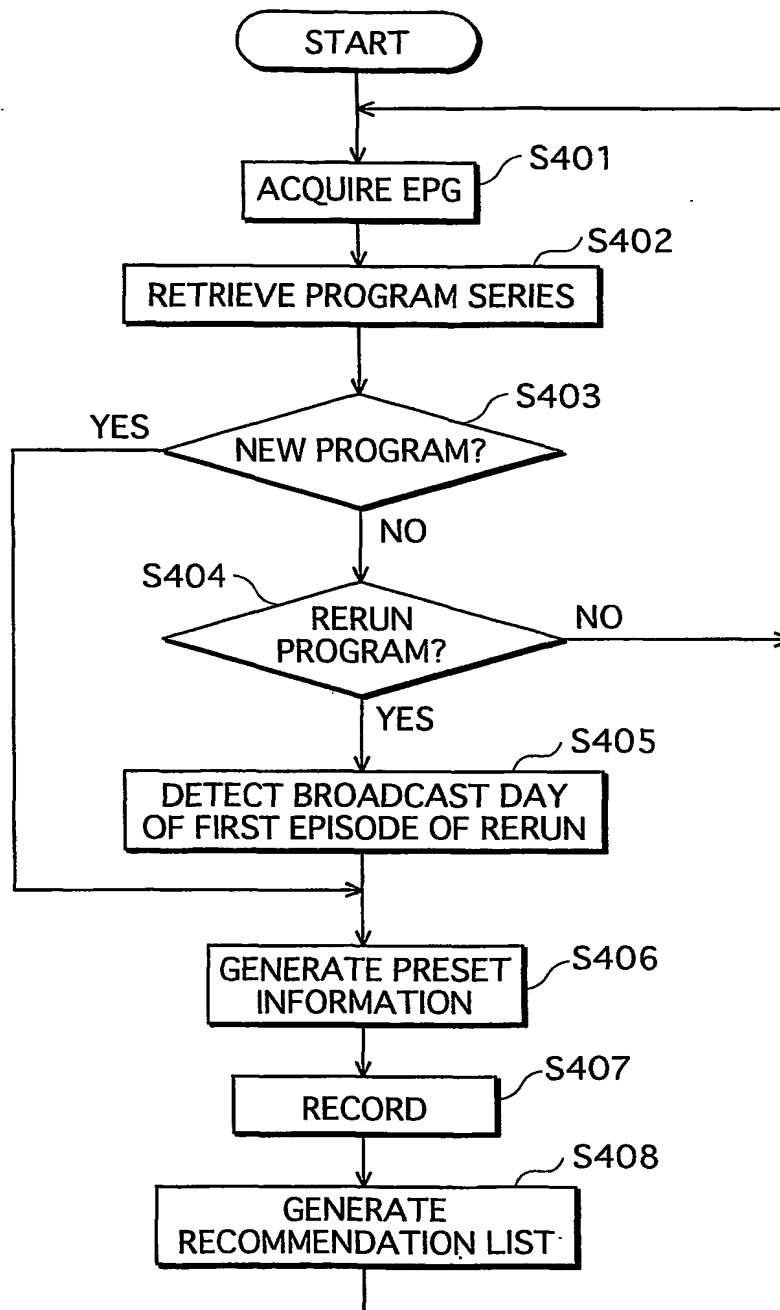


FIG.23A

410 EPG

| BROADCAST DAY | BROADCAST PERIOD | CHANNEL NUMBER | TITLE | COMMENT |
|-----------------|------------------|----------------|--------------------------------------|------------|
| AUGUST 13 (SAT) | 21:00~23:00 | 8 | [NEW] MIDSUMMER SONATA (1) ENCOUNTER | ○○○○○..... |
| AUGUST 20 (SAT) | 21:00~22:00 | 8 | MIDSUMMER SONATA (2) A LIE OF HER | ×××××..... |
| AUGUST 27 (SAT) | 21:00~22:00 | 8 | MIDSUMMER SONATA (3) A LIE OF ME | △△△△△..... |
| ⋮ | | | ⋮ | ⋮ |

FIG.23B

420 EPG

| BROADCAST DAY | BROADCAST PERIOD | CHANNEL NUMBER | TITLE | COMMENT |
|-------------------|------------------|----------------|--|--------------------------|
| DECEMBER 10 (TUE) | 16:00~17:00 | 10 | [RERUN] AUTUMN WIND SONATA (1) AUTUMN HAS COME | RERUN OF A POPULAR DRAMA |
| DECEMBER 11 (WED) | 16:00~17:00 | 10 | [RERUN] AUTUMN WIND SONATA (2) WIND OF LOVE | RERUN OF A POPULAR DRAMA |
| DECEMBER 12 (THU) | 16:00~17:00 | 10 | [RERUN] AUTUMN WIND SONATA (3) REGRET | RERUN OF A POPULAR DRAMA |
| ⋮ | | | ⋮ | ⋮ |

FIG.24A

430 RECOMMENDATION LIST

| RECOMMENDED NEW PROGRAM | | | | MIDSUMMER SONATA | | S431 |
|----------------------------|------|-------|------|---------------------|----------------|------|
| 01 | 8/13 | 21:00 | LONG | 8 | ① ENCOUNTER | |
| 02 | 8/20 | 21:00 | | 8 | ② A LIE OF HER | |
| 03 | 8/27 | 21:00 | | 8 | ③ A LIE OF ME | |

FIG.24B

440 RECOMMENDATION LIST

| RECOMMENDED RERUN PROGRAM | | | | AUTUMN WIND SONATA | | S441 |
|------------------------------|-------|-------|--|-----------------------|-------------------|------|
| 01 | 12/10 | 16:00 | | 10 | ① AUTUMN HAS COME | |
| 02 | 12/11 | 16:00 | | 10 | ② WIND OF LOVE | |
| 03 | 12/12 | 16:00 | | 10 | ③ REGRET | |

FIG.25

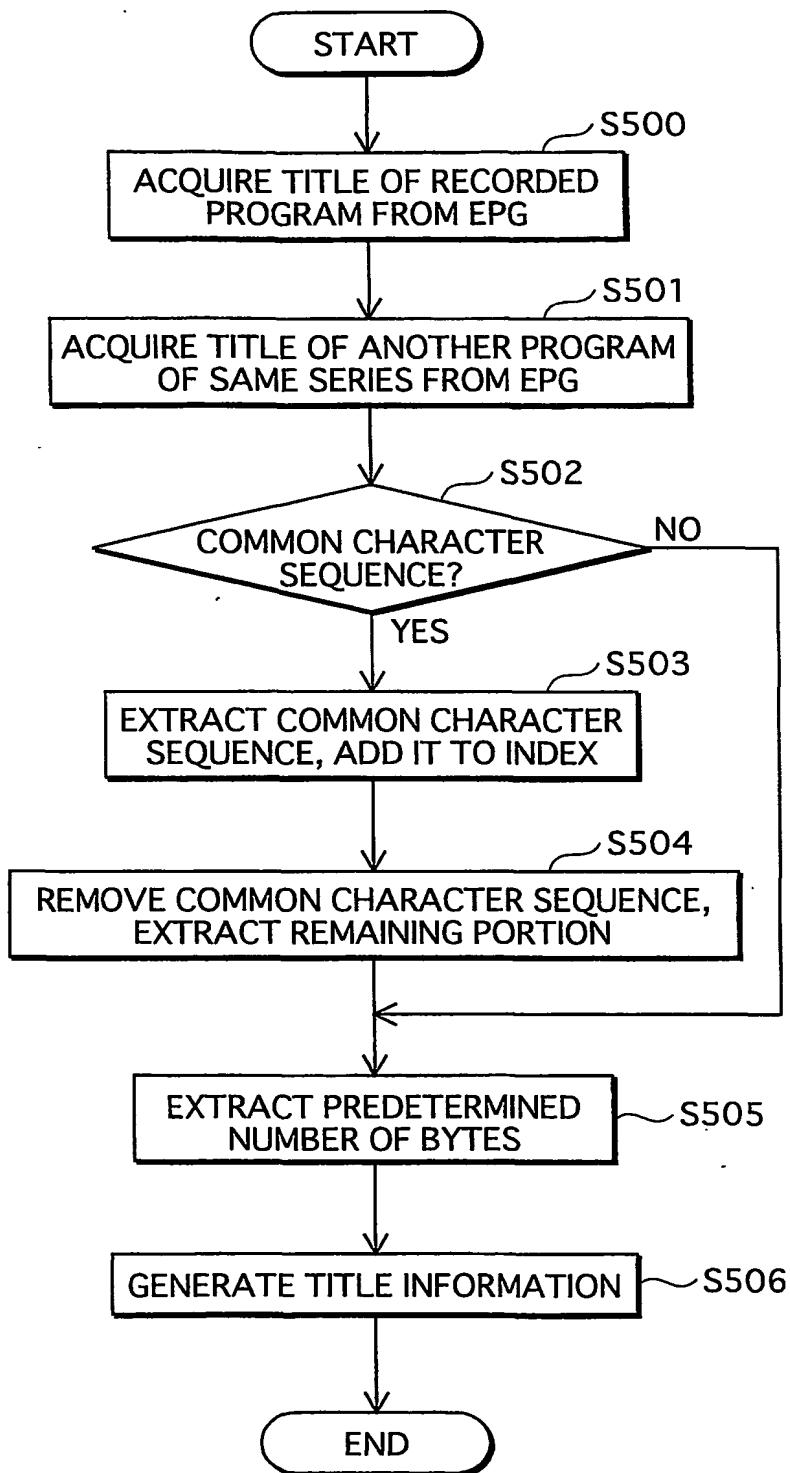


FIG.26

500

| BROADCASTING STATION CODE | RETRIEVAL ALGORITHM |
|------------------------------|------------------------|
| A - 0012 | A |
| A - 0120 | A |
| B - 0001 | B |
| C - 0213 | C |
| ⋮ | ⋮ |

FIG.27

